

COFC
E

)
:
)
:
)
:
)
:
)
:
)
:
)
:
)
:
)
:
)

Examiner: J.L. Goodrow

Art Unit: 1756

G
AUG
of Con

August 15, 2006

Certificate
AUG 21 2006
of Correction

08/17/2006 JADD01 00000082 7022446

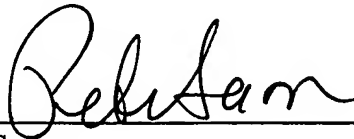
100.00 OP

AUG 21 1966

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Peter Saxon
Attorney for Patentees
Registration No. 24,947

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

NY_Main 586190v1

AUG 21 1990

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [73]:

Assignees, insert: --(73) Assignee: Canon Kabushiki Kaisha, Tokyo (JP)--.

ON THE TITLE PAGE [76]:

Inventors, "(76) Inventors: Kimihiro Yoshimura, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP); Yosuke Morikawa, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP); Tatsuya Ikezue, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP); Kouichi Nakata, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP); Daisuke Tanaka, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP)" should read

--(75) Inventors: Kimihiro Yoshimura, Kanagawa (JP); Yosuke Morikawa, Kanagawa (JP); Tatsuya Ikezue, Kanagawa (JP); Kouichi Nakata, Shizuoka (JP); Daisuke Tanaka, Shizuoka (JP)--.

COLUMN 5:

Line 37, "ace al" should read --acetal--.

COLUMN 9:

Line 23, "virture" should read --virtue--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page



AUG 21 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 2 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30:

Line 11, "a" should be deleted.

COLUMN 42:

Line 25, "Specified" should read --Specific--.

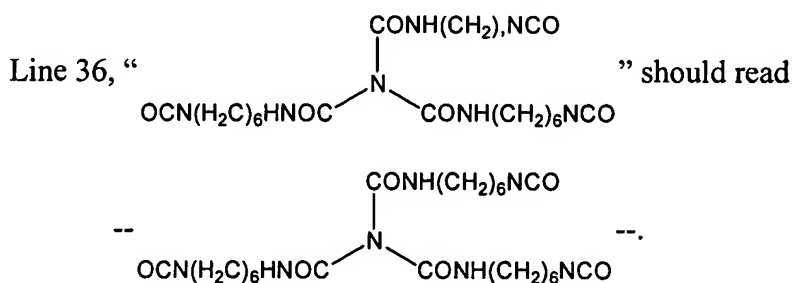
COLUMN 46:

Line 59, "dichloromehtane" should read --dichloromethane--.

COLUMN 48:

Line 46, "the R^{B3}" should read --the R^{B1}--.

COLUMN 51:



MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 3 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 49:

Line 57, "Example 22-25" should read --Examples 22-25--.

COLUMN 56:

Line 23, "Example 51-54" should read --Examples 51-54--.

COLUMN 60:

Line 19, "dichloromehtane" should read --dichloromethane--; and
Line 52, "(3,3,3-tifluoropropul)" should read --(3,3,3-trifluoropropyl)--.

COLUMN 61:

Table 3, "hydroxyniethyl" should read --hydroxymethyl--.

COLUMN 62:

Line 26, "(3,3,3-tifluoropropul)" should read --(3,3,3-trifluoropropyl)--; and
Line 48, "dylthioxanthone" should read --ylthioxanthone--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page



AUG 21 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 4 of 5

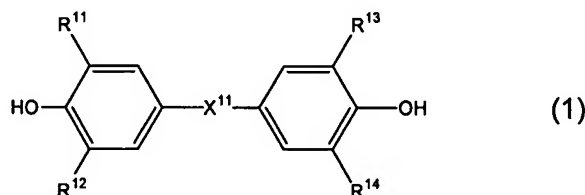
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 65:

Line 9, "polymerizing" should read

--polymerizing

(i) a polyhydroxymethylbisphenol monomer having a structure represented by the following Formula (1):



wherein X^{11} represents a single bond, a carbonyl group, an ether group, a thioether group or a $-CR^{01}R^{02}$ -group, where R^{01} and R^{02} each independently represent a hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 4 carbon atoms or a substituted or unsubstituted phenyl group, or represent a substituted or unsubstituted cycloalkylidene group having 3 to 6 carbon atoms which is formed by combination of R^{01} with R^{02} , provided that a case in which both the R^{01} and R^{02} are substituted or unsubstituted phenyl groups is excluded; and R^{11} to R^{14} each independently represent a hydroxymethyl group, a hydrogen atom, a halogen atom, a substituted or unsubstituted alkyl group having 1 to 4 carbon atoms other than the hydroxymethyl group, a substituted or unsubstituted cycloalkyl group having 3 to 6 carbon atoms, or a substituted or unsubstituted alkoxy group having 1 to 4 carbon atoms, provided that at least two of the R^{11} to R^{14} are each a hydroxymethyl group or

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 5 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(ii) a polyhydroxymethylbisphenol monomer having a structure represented by the following Formula (2) has been condensed through a methylene group:--

COLUMN 67:

Line 62, "(ii)" should read --¶ (ii)--.

COLUMN 68:

Line 23, "atoms" should read --atoms,--.

COLUMN 70:

Line 3, "hat" should read --that--.

Line 4, "or," should read --or--.

COLUMN 71:

Line 31, "atoms" should read --atoms,--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page



AUG 21 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [73]:

Assignees, insert: --(73) Assignee: Canon Kabushiki Kaisha, Tokyo (JP)--.

ON THE TITLE PAGE [76]:

Inventors, "(76) Inventors: Kimihiro Yoshimura, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP); Yosuke Morikawa, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP); Tatsuya Ikezue, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP); Kouichi Nakata, Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP); Daisuke Tanaka, Canon Kabushiki Kaisha 3-30-2, Shimomaruko, Ohta-ku, Tokyo (JP)" should read
--(75) Inventors: Kimihiro Yoshimura, Kanagawa (JP); Yosuke Morikawa, Kanagawa (JP); Tatsuya Ikezue, Kanagawa (JP); Kouichi Nakata, Shizuoka (JP); Daisuke Tanaka, Shizuoka (JP)--.

COLUMN 5:

Line 37, "ace al" should read --acetal--.

COLUMN 9:

Line 23, "virture" should read --virtue--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page



AUG 21 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 2 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30:

Line 11, "a" should be deleted.

COLUMN 42:

Line 25, "Specified" should read --Specific--.

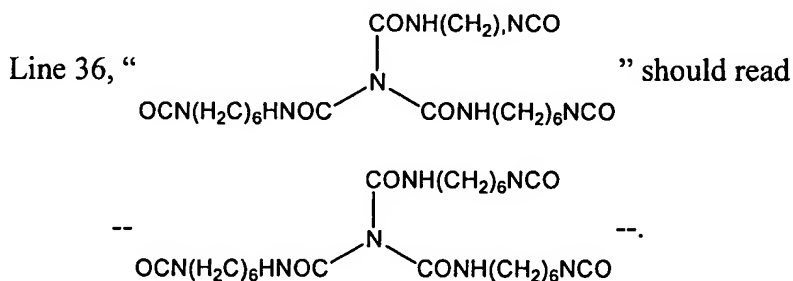
COLUMN 46:

Line 59, "dichloromehtane" should read --dichloromethane--.

COLUMN 48:

Line 46, "the R^{B3}" should read --the R^{B1}--.

COLUMN 51:



MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page

AUG 21 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 3 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 49:

Line 57, "Example 22-25" should read --Examples 22-25--.

COLUMN 56:

Line 23, "Example 51-54" should read --Examples 51-54--.

COLUMN 60:

Line 19, "dichloromehtane" should read --dichloromethane--; and

Line 52, "(3,3,3-tifluoropropul)" should read --(3,3,3-trifluoropropyl)--.

COLUMN 61:

Table 3, "hydroxyniethyl" should read --hydroxymethyl--.

COLUMN 62:

Line 26, "(3,3,3-tifluoropropul)" should read --(3,3,3-trifluoropropyl)--; and

Line 48, "dylthioxanthone" should read --ylthioxanthone--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

NY_Main 586190v1



AUG 21 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 4 of 5

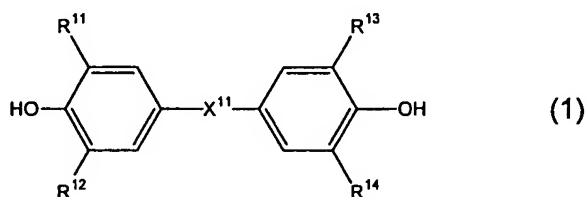
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 65:

Line 9, "polymerizing" should read

--polymerizing

(i) a polyhydroxymethylbisphenol monomer having a structure represented by the following Formula (1):



wherein X^{11} represents a single bond, a carbonyl group, an ether group, a thioether group or a $-CR^{01}R^{02}-$ group, where R^{01} and R^{02} each independently represent a hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 4 carbon atoms or a substituted or unsubstituted phenyl group, or represent a substituted or unsubstituted cycloalkylidene group having 3 to 6 carbon atoms which is formed by combination of R^{01} with R^{02} , provided that a case in which both the R^{01} and R^{02} are substituted or unsubstituted phenyl groups is excluded; and R^{11} to R^{14} each independently represent a hydroxymethyl group, a hydrogen atom, a halogen atom, a substituted or unsubstituted alkyl group having 1 to 4 carbon atoms other than the hydroxymethyl group, a substituted or unsubstituted cycloalkyl group having 3 to 6 carbon atoms, or a substituted or unsubstituted alkoxy group having 1 to 4 carbon atoms, provided that at least two of the R^{11} to R^{14} are each a hydroxymethyl group or

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page



AUG 21 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 7,022,446 B2

DATED : April 4, 2006

INVENTOR(S) : KIMIHIRO YOSHIMURA ET AL.

Page 5 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(ii) a polyhydroxymethylbisphenol monomer having a structure represented by the following Formula (2) has been condensed through a methylene group:--

COLUMN 67:

Line 62, "(ii)" should read --¶ (ii)--.

COLUMN 68:

Line 23, "atoms" should read --atoms,--.

COLUMN 70:

Line 3, "hat" should read --that--.

Line 4, "or," should read --or--.

COLUMN 71:

Line 31, "atoms" should read --atoms,--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 7,022,446 B2

No. of add'l. copies
@ 30¢ per page

AUG 21



6000
1111